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	Search Text
1	transceiver near5 ("switching off" "switching on") and wlan
2	wlan near5 ("switching off" "switching on")
3	("20050213524" "6091951" "6154461" "6201962" "20050059386" "20060112287" "20060274368" "5771353" "6006100" "5406643" "5574979" "5640390" "5657317" "5696903" "5748619" "5794145" "5848064" "5859970" "5867106" "5949776" "6005533" "6031830" "6069877" "6073016" "6084867" "6092117" "6137473" "6141688" "6148344" "6149063" "6157630" "6209034" "6212175" "6219694" "6212175" "6219694" "6295461" "6389457" "6401113" "6414643" "6438585" "6447306" "6463463" "6463464" "6556553" "6629642" "6651190" "6791959" "6811088" "6917964").pn.
4	transceiver near5 ("switching off" "switching on")
5	"2003179725".pn. or "2002132603".pn. or "20030159074".pn. or "6580704".pn. or "6463307".pn.
6	"access point" near5 (second another first)
7	request$3 near10 (mobile portable terminal handset) near10 (status notif$6)
8	S7 and S13
9	wak$3 near3 event
10	@ad<"20040326" or @rlad<"20040326"
11	S7 and S25
12	"access point" near10 request$3 near10 (second another) near10 (status notif$8)
13	"access point" near10 request$3 near10 (second another) near10 determin$3
14	S8 and S9
15	"access point" near5 (second another) near5 determin$3

	Search Text
16	"access point" near5 (second another)
17	S19 and S21
18	S13 and S19
19	S14 and S17
20	(sleep$3 wak$3) same wlan
21	(sleep$3 wak$3) same ("access point" ap)
22	S14 and S15
23	S26 and S27
24	S21 and S23
25	"access point" near10 request$3 near10 (status notif$6) near10 (second another first)
26	(second another) near5 (status notif$8)
27	"access point" near10 request$3 near10 (mobile portable terminal handset) near10 determin$3

10811404_CLSTITLES1.txt
Titles of most frequently occurring classifications of patents returned
from a search of 10811404 on Jan 17 , 2007


```
 13  370/338      (8 OR, 5 XR)
         Class 370     MULTIPLEX COMMUNICATIONS
         370/310       .COMMUNICATION OVER FREE SPACE
         370/328       ..Having a plurality of contiguous regions served by
respective fixed stations
         370/338       ...Contiguous regions interconnected by a local area network

  8  709/206      (4 OR, 4 XR)
         Class 709     ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
         709/204       .COMPUTER CONFERENCING
         709/206       ..Demand based messaging

  6  709/245      (0 OR, 6 XR)
         Class 709     ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
         709/245       .COMPUTER-TO-COMPUTER DATA ADDRESSING

  5  340/7.21     (0 OR, 5 XR)
         Class 340     COMMUNICATIONS:  ELECTRICAL
         340/825       .SELECTIVE
         340/825.36    ..Having indication or alarm (e.g., location indication)
         340/7.2       ...Code responsive (i.e., paging)
         340/7.21      ....Two-way paging

  5  340/7.29     (0 OR, 5 XR)
         Class 340     COMMUNICATIONS:  ELECTRICAL
         340/825       .SELECTIVE
         340/825.36    ..Having indication or alarm (e.g., location indication)
         340/7.2       ...Code responsive (i.e., paging)
         340/7.28      ....Paging terminal (i.e., element prior to the transmitter)
         340/7.29      .....Terminal connected to other network (e.g., Internet)

  4  370/401      (1 OR, 3 XR)
         Class 370     MULTIPLEX COMMUNICATIONS
         370/351       .PATHFINDING OR ROUTING
         370/389       ..Switching a message which includes an address header
         370/400       ...Having a plurality of nodes performing distributed
switching
         370/401       ....Bridge or gateway between networks

  4  709/227      (3 OR, 1 XR)
         Class 709     ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
         709/227       .COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING

  4  709/228      (1 OR, 3 XR)
         Class 709     ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
         709/227       .COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING
         709/228       ..Session/connection parameter setting

  4  709/219      (0 OR, 4 XR)
         Class 709     ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
         709/217       .REMOTE DATA ACCESSING
         709/219       ..Accessing a remote server

  4  709/207      (3 OR, 1 XR)
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Class 709   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
709/204   .COMPUTER CONFERENCING
709/207   ..Priority based messaging

3 370/311   (1 OR, 2 XR)
Class 370   MULTIPLEX COMMUNICATIONS
370/310   .COMMUNICATION OVER FREE SPACE
370/311   ..Signaling for performing battery saving

3 455/436   (0 OR, 3 XR)
Class 455   TELECOMMUNICATIONS
455/403   .RADIOTELEPHONE SYSTEM
455/422.1   ..Zoned or cellular telephone system
455/436   ...Handoff

3 455/466   (1 OR, 2 XR)
Class 455   TELECOMMUNICATIONS
455/403   .RADIOTELEPHONE SYSTEM
455/466   ..Auxiliary data signaling (e.g., short message service
(SMS))

3 455/426.1   (1 OR, 2 XR)
Class 455   TELECOMMUNICATIONS
455/403   .RADIOTELEPHONE SYSTEM
455/422.1   ..Zoned or cellular telephone system
455/426.1   ...Including other radio communication system (e.g.,
cordless telephone, paging, trunking, etc.)

3 345/179   (0 OR, 3 XR)
Class 345   COMPUTER GRAPHICS PROCESSING AND SELECTIVE VISUAL DISPLAY
SYSTEMS
345/156   .DISPLAY PERIPHERAL INTERFACE INPUT DEVICE
345/179   ..Stylus

3 707/201   (0 OR, 3 XR)
Class 707   DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
707/200   .FILE OR DATABASE MAINTENANCE
707/201   ..Coherency (e.g., same view to multiple users)

2 455/432.2   (2 OR, 0 XR)
Class 455   TELECOMMUNICATIONS
455/403   .RADIOTELEPHONE SYSTEM
455/422.1   ..Zoned or cellular telephone system
455/432.1   ...Roaming
455/432.2   ....System format conversion

2 455/420   (1 OR, 1 XR)
Class 455   TELECOMMUNICATIONS
455/403   .RADIOTELEPHONE SYSTEM
455/418   ..Programming control
455/419   ...Remote programming control
455/420   ....Control of another apparatus

2 235/472.01 (0 OR, 2 XR)
Class 235   REGISTERS
235/435   .CODED RECORD SENSORS
235/439   ..Particular sensor structure
235/454   ...Optical
235/472.01   ....Hand-held (e.g., portable)

2 235/472.02 (1 OR, 1 XR)

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Class 235      REGISTERS
235/435        .CODED RECORD SENSORS
235/439        ..Particular sensor structure
235/454        ...Optical
235/472.01     ....Hand-held (e.g., portable)
235/472.02     .....Wireless link (e.g., RF, IR, etc.)

2  455/63.1     (1 OR, 1 XR)
      Class 455      TELECOMMUNICATIONS
      455/39         .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
      455/63.1       ..Distortion, noise, or other interference prevention,
reduction, or compensation

2  370/278      (1 OR, 1 XR)
      Class 370      MULTIPLEX COMMUNICATIONS
      370/276        .DUPLEX
      370/277        ..Communication over free space
      370/278        ...Transmit/receive interaction control

2  370/408      (0 OR, 2 XR)
      Class 370      MULTIPLEX COMMUNICATIONS
      370/351        .PATHFINDING OR ROUTING
      370/389        ..Switching a message which includes an address header
      370/400        ...Having a plurality of nodes performing distributed
switching
      370/408        ....Nodes interconnected in hierarchy to form a tree

2  370/466      (0 OR, 2 XR)
      Class 370      MULTIPLEX COMMUNICATIONS
      370/464        .COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL
CHANNELS
      370/465        ..Adaptive
      370/466        ...Converting between protocols

2  455/575.7    (0 OR, 2 XR)
      Class 455      TELECOMMUNICATIONS
      455/73         .TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCEIVER)
      455/550.1      ..Radiotelephone equipment detail
      455/575.1      ...Housing or support
      455/575.7      ....Having specific antenna arrangement

2  709/250      (2 OR, 0 XR)
      Class 709      ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
      709/250        .NETWORK-TO-COMPUTER INTERFACING

2  709/253      (0 OR, 2 XR)
      Class 709      ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
      709/253        .BUSED COMPUTER NETWORKING

2  455/403      (0 OR, 2 XR)
      Class 455      TELECOMMUNICATIONS
      455/403        .RADIOTELEPHONE SYSTEM

2  455/435.1    (0 OR, 2 XR)
      Class 455      TELECOMMUNICATIONS
      455/403        .RADIOTELEPHONE SYSTEM
      455/422.1      ..Zoned or cellular telephone system
      455/435.1      ...Registration

2  709/230      (0 OR, 2 XR)
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Class 709   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
        709/230   .COMPUTER-TO-COMPUTER PROTOCOL IMPLEMENTING

2 709/203   (0 OR, 2 XR)
        Class 709   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
        709/201   .DISTRIBUTED DATA PROCESSING
        709/203   ..Client/server

2 709/218   (0 OR, 2 XR)
        Class 709   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
        709/217   .REMOTE DATA ACCESSING
        709/218   ..Using interconnected networks

2 455/556.1   (0 OR, 2 XR)
        Class 455   TELECOMMUNICATIONS
        455/73   .TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCEIVER)
        455/550.1   ..Radiotelephone equipment detail
        455/556.1   ...Integrated with other device

2 455/414.1   (0 OR, 2 XR)
        Class 455   TELECOMMUNICATIONS
        455/403   .RADIOTELEPHONE SYSTEM
        455/414.1   ..Special service

2 709/238   (0 OR, 2 XR)
        Class 709   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
        709/238   .COMPUTER-TO-COMPUTER DATA ROUTING

2 340/7.51   (0 OR, 2 XR)
        Class 340   COMMUNICATIONS: ELECTRICAL
        340/825   .SELECTIVE
        340/825.36   ..Having indication or alarm (e.g., location indication)
        340/7.2   ...Code responsive (i.e., paging)
        340/7.51   ....Message presentation

2 370/331   (0 OR, 2 XR)
        Class 370   MULTIPLEX COMMUNICATIONS
        370/310   .COMMUNICATION OVER FREE SPACE
        370/328   ..Having a plurality of contiguous regions served by
respective fixed stations
        370/329   ...Channel assignment
        370/331   ....Hand-off control

2 235/462.46   (2 OR, 0 XR)
        Class 235   REGISTERS
        235/435   .CODED RECORD SENSORS
        235/439   ..Particular sensor structure
        235/454   ...Optical
        235/462.01   ....Bar code
        235/462.43   .....Specified housing or mounting detail
        235/462.45   ......Hand-held (e.g., portable)
        235/462.46   ....Wireless link (e.g., RF, IR, etc.)

Most frequently occurring classifications of patents returned
from a search Of 10811404 on Jan 17 , 2007

Original Classifications
```
 8    370/338
 4    709/206
 3    709/227
 3    709/207
 2    455/432.2
 2    709/250
 2    235/462.46
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Cross-Reference Classifications
```
 6    709/245
 5    370/338
 5    340/7.21
 5    340/7.29
 4    709/219
 4    709/206
 3    370/401
 3    455/436
 3    709/228
 3    345/179
 3    707/201
 2    370/311
 2    455/466
 2    235/472.01
 2    370/408
 2    370/466
 2    455/426.1
 2    455/575.7
 2    709/253
 2    455/403
 2    455/435.1
 2    709/230
 2    709/203
 2    709/218
 2    455/556.1
 2    455/414.1
 2    709/238
 2    340/7.51
 2    370/331
```

Combined Classifications
```
13    370/338
 8    709/206
 6    709/245
 5    340/7.21
 5    340/7.29
 4    370/401
 4    709/227
 4    709/228
 4    709/219
 4    709/207
 3    370/311
 3    455/436
 3    455/466
 3    455/426.1
 3    345/179
 3    707/201
 2    455/432.2
 2    455/420
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2    235/472.01
2    235/472.02
2    455/63.1
2    370/278
2    370/408
2    370/466
2    455/575.7
2    709/250
2    709/253
2    455/403
2    455/435.1
2    709/230
2    709/203
2    709/218
2    455/556.1
2    455/414.1
2    709/238
2    340/7.51
2    370/331
2    235/462.46
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